October 10, 1961

Dr. Walter Plout
Department of Zoology
University of Wisconsin
Madison 6, Wisconsin

Dear Walter:

I thought I would drop you a note to bring your attention to an observation on the "Inhibition of Chlorophyl Synthesis" by Fudr! This was made by a girl Anne G. Osborn who is just entering Stanford University as a Freshman student. She did this during some summer work at Purdue with a Dr. Harry Beevers.

Briefly, fudr at 10^{-3}m substantially inhibited chlorophyl synthesis, this being largely reversed by the addition of 10^{-2}m thymidine. Fu had a much less marked effect on chlorophyl. Growth was, of course, stongly inhibited as well, but other analogues that inhibited growth did not inhibit chlorophyl formation during the germination of rape seeds.

I thought these observations would be of some definite interest to you in connection with the recent report that you and Hans have reopened the question of DNA in chloroplasts. Miss Osborn will have no occasion to continue this particular line of work and she agreed, after talking with me, that it might be most useful to apprise you of it.

If you have some published remarks on the identification of chloroplast DNA, I think that Miss Osborn would be especially pleased to get a reprint of it.

With best regards,

Sincerely,

Joshua Lederberg
Professor of Genetics